

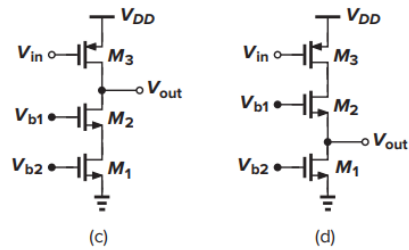
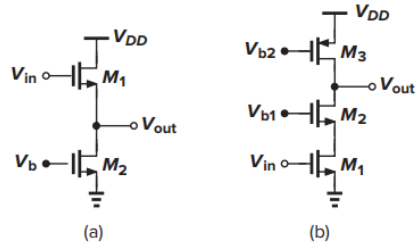
Assignment -1

EC21008

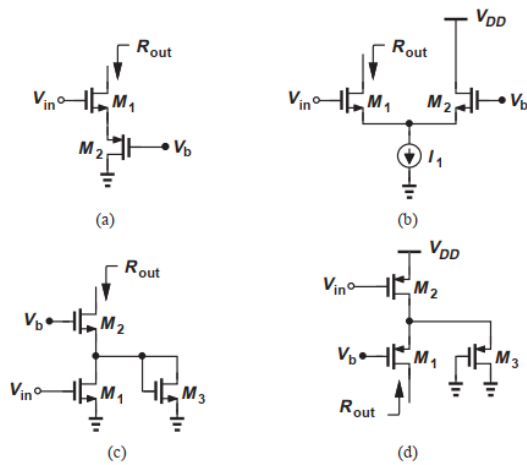
Date: 28/01/2021

Submission Deadline: 03/02/2021

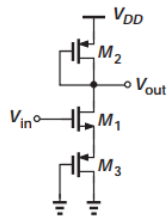
- Calculate effective G_m and R_{out} for the following configurations:



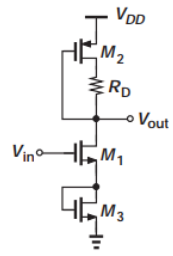
- Find the expression for R_{out} from the following circuits



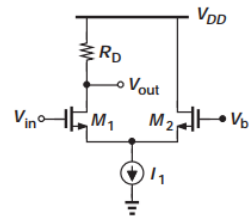
3. Calculate the voltage gain



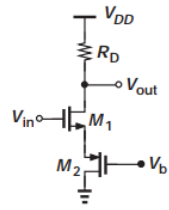
(a)



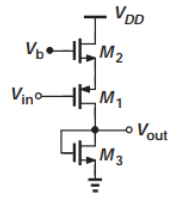
(b)



(c)



(d)



(e)